ANIKET A. SHENDAGE

Aspiring Electrical Engineer with a Mechatronics background, focused on delivering impactful automation and integrated system solutions through collaborative, tech-driven design

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Technical Skills

- **Languages & Design** - C | C++ | Eplan Electric | Visual Basic | AutoCAD
- **Robotics** - Robot Programming & Teaching | Ethernet/IP | Modbus | ProfiNet
- **Automation** - PLC Concepts | HMI-SCADA Overview |Industrial Automation
- **Embedded Fundamentals** - Microcontrollers (Arduino, ESP32) |Embedded C
- **Hardware** - BLDC & PMSM Motors | Inverters | PWM & ADC
- **Industry** - 5S Implementation | Lean Manufacturing

Trainings / Internship

1.LHP Motors, Solapur | (July 2024)

- Gained technical exposure to electric motor manufacturing and testing procedures at LHP Motors.
- Observed coil winding, assembly, and motor performance evaluation techniques.

2.UNO MINDA, Pune | (Sep 2020)

- Observed PLC wiring, control panel assembly, and soldering techniques used in production.
- Also Learned basics of electrical schematics and industrial safety standards.
- Studied working of contactors, relays, MCBs, overload relays, and SMPS used in control panels.

Projects

1. Hybrid Solar-Wind Smart Streetlight System | Renewable Energy **Sep 2025 – Nov 2025**

- Developed an intelligent and sustainable street lighting system powered by solar energy and a Papilio vertical-axis wind turbine. Integrated LDR-based ambient light sensing and PIR motion detection for automatic light control and energy-efficient operation. Implemented smart battery management and energy storage architecture to improve system reliability and ensure consistent performance under varying environmental conditions.

2. Segway | Autocad Design **Aug 2022 - Sep 2022**

- Developed a detailed 3D model of a Segway using AutoCAD, showcasing precision in design and an understanding of mechanical components and assembly.

3. Automatic Pneumatic Bumper & Brake Actuation Before Collision|Automation **Jan 2020 - Mar 2020**

- Developed an Automatic Pneumatic Bumper and Brake Actuation system using IR sensors for obstacle detection. The system triggers pneumatic actuators to extend a bumper and apply brakes just before collision. Designed to reduce impact force and improve vehicular safety response.

Education

Program	Institution	% / CGPA	Year
B. Tech in Electrical Engineering	N. K. Orchid College of Engineering and Technology, Solapur	7.27	2022 -26
Higher Secondary Education	Yashodhara Jr. College, Solapur	60%	2020 -22
Diploma in Mechatronics	NTTF, Dharwad	8.73	2017-20
Class X (MSBSHSE)	Suyash Vidyalaya, Solapur	78.80%	2016 -17

Soft Skills

Communication | Presentation | Teamwork | Problem-solving | Leadership | Time Management

Certifications

- **Robotics Fundamentals** – Certification from Alison Online Learning Platform
- **Manual Soldering Technician** – Certified by National Skill Development Corporation
- **Workshop on Power BI** – Participation certificate from Office Master
- **SUSTAIN-A-THON Participant** – Participation certificate from Indian Oil Corporation Ltd
- **PLC Programming** – Certification from linkedin learning platform

Extra - Curricular

- Served as Sports Coordinator for the Electrical Engineering Department in college.
- Winner of the Cricket Event – Smash 2024, an inter-college sports competition.
- Participated in an article writing competition on Unstop.
- Volunteered with a local community group focused on environmental sustainability; personally planted nearly 100 trees as part of plantation drives and awareness initiatives.